

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/001009

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 H01L 33/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

e-KIAPSS : "phosphor", "fluorescent", "silicate", "sulfide", "LED"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	WO 00/33389 A1 (GENERAL ELECTRIC COMPANY) 8 JUNE 2000 see the abstract	1, 3, 5-12, 18-20 2, 4, 13, 14-16, 17
Y A	WO 03/021691 A1 (MATSUSHITA ELECTRIC IND. CO. LTD) 13 MARCH 2003 see the abstract, page 70 line 8 - page 79 line 2	1, 3, 5-12, 18-20 2, 4, 13, 14-16, 17
A	WO 02/054503 A1 (TOYODA GOSEI CO., LTD. & LEUCHSTOFFWERK BREITUNGEN GMBH) 11 JULY 2002 see the abstract	1-20
A	JP 2001-143869 A (KONICA LTD.) 25 MAY 2001 see the abstract, paragraphs [0151], [0181]	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

01 AUGUST 2005 (01.08.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/001009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 00/33389 A1	08.06.2000	AU 20002033B A1	19.06.2000
		CN1289455A	28.03.2001
		EP 1051758 A 1	15.11.2000
		JP 200253195.5 T2	24.09.2002
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